

END TERM EXAMINATION

SECOND SEMESTER [BCA] JUNE- 2024

Paper Code: BCA- 104

Subject: Web Based Programming

Time: 3 Hours

Maximum Marks: 60

Note: Attempt all questions as directed. Internal Choice is indicated.

Q1 Answer the Following:

(2x10=20)

- (a) Difference between GET and POST method.
- (b) How is == different from === in PHP.
- (c) Explain PHP mail() function.
- (d) What is the use of "\$this" keyword in PHP.
- (e) Differentiate between Var_dump() and print_r().
- (f) What are features of PDO.
- (g) What are various OOP's access modifiers.
- (h) Explain explode(), krsort() and count() function.
- (i) What do you understand by QueryString.
- (j) What are file opening modes used with fopen() function in PHP.

UNIT-1

- Q2 (a) What are advantages of PHP. What do you understand by Local Server and Remote Server. (5)
- (b) What are Super Global Variables in PHP. Explain in detail. (5)

OR

- Q3 (a) What do you understand by Associative array. How Associative array is different from indexed array? Write code to print the data of 2-D array in tabular form in PHP. (5)
- (b) Differentiate between (2x2.5=5)
- (i) Client Side Scripting & Server Side Scripting.
 - (ii) Static Website & Dynamic Website.

UNIT-II

- Q4 (a) Write a user defined function for swapping two variables using call by value and call by reference. Differentiate the output produced in both the methods. (5)
- (b) What are different type of PHP errors? Explain by citing appropriate example. (5)

OR

- Q5 (a) Explain Session and Cookies by giving a suitable example. Write a PHP Script to count number of visitors visited a website in 24 hours using Session variable. (5)
- (b) Create a customer registration page "Customer.php" having fields like Name(Textbox), Gender(Radiobutton), Address(TextArea), Hobbies(CheckBox), City (ComboBox), DOB(Date) in it. Write a PHP script to submit this data on "Registered.php" page and print received data there. (5)

UNIT-III

- Q6 (a) Differentiate between include () and require (). Write code to read a file line by line and displaying it on a webpage. (5)
- (b) Explain following file handling functions: (5)
- (i) fread()
 - (ii) fgets()
 - (iii) unlink()

(2)

OR

- Q7 (a) What do you understand by Object Oriented Programming. Explain various features associated with objects giving example wherever possible. (5)
- (b) Create a class "Employee" taking appropriate Data Members and member functions in PHP. Also create constructor and destructor for the same. (5)

UNIT-IV

- Q8 What are various datatypes in MySQL. Write a PHP script to create a database named "Gadgets" having table "Phone" with field names P_Id, P_Company, P_Cost and P_Year. Write insert query for inserting records in "Phone" table and select query for retrieving the data. (10)

OR

- Q9 What are various constraints in MySQL. Explain the following functions: (10)
- (i) Mysqli_connect()
 - (ii) Mysqli_connect_error()
 - (iii) Mysqli_query()
 - (iv) Mysqli_select_db()
 - (v) Fetch_array()
